

CAREER PUBLICATION LIST

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Books

Middleton, B.A. 1999. Wetland restoration, flood pulsing and disturbance dynamics. John Wiley and Sons, New York.

Middleton, B.A. (editor). 2002. Flood pulsing in wetlands: restoring the natural hydrological balance. John Wiley and Sons, New York.

Dissertation/Theses

Middleton, B.A. 1989. Succession and goose herbivory in monsoonal wetlands of the Keoladeo National Park, Bharatpur, India. Ph.D. Dissertation, Iowa State University, Ames, IA.

Middleton, B.A. 1983. Sand movement and vegetation in the Apostle Islands, Lake Superior. M.S. Thesis. University of Minnesota, Duluth, MN.

Middleton, B.A. 1978. Vegetational response to grazing in sedge meadow and mesic forest communities in southern Wisconsin. Senior Thesis, University of Wisconsin, Madison, WI.

Journal papers

Middleton, B.A. and D.J. Schimpf. 1986. Sand movement and vegetation in the Apostle Islands, Lake Superior. *Canadian Journal of Botany* 64:1671-1674.

Middleton, B.A. and A.G. van der Valk. 1987. The food habits of Greylag and Barheaded Geese at the Keoladeo National Park, India. *Wildfowl* 38:94-102.

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- Journal papers (cont.)*
- Middleton, B. A. and D. H. Mason. 1992. Seed herbivory by nilgai, feral cattle, and wild boar in the Keoladeo National Park, Bharatpur, India. *Biotropica* 24:538-543.
- van der Valk, A. G., B. A. Middleton, R. L. Williams, D. H. Mason and C. Davis. 1993. The biomass of an Indian monsoonal wetland before and after being overgrown with *Paspalum distichum* L. *Vegetatio* 109:81-90.
- Middleton, B. A. 1994. Decomposition and litter production in a northern bald cypress swamp. *Journal of Vegetation Science* 5:271-274.
- Middleton, B. A. and E. Sanchez. 1994. Microhistological analysis of food habits in the tropics. *La Vida Sylvestre* 3:41-47.
- Middleton, B. A. 1994. Management of monsoonal wetlands for Greylag and Barheaded Geese in the Keoladeo National Park, India. *International Journal of Ecology and Environmental Sciences* 20:1263-171.
- Middleton, B. A. 1995. Sampling devices for the measurement of seed rain and hydrochory in rivers. *Bulletin of the Torrey Botanical Club* 122: 152-155.
- Middleton, B. A. 1995. Ecology of greenways. Book review. *Restoration Ecology* 3: 319-322.
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Journal papers (cont.)

Middleton, B.A. 1998. Reply to: The water buffalo controversy in the Keoladeo National Park, India. *Ecological Modelling* 106: 95-98.

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Rice, M., B.A. Middleton and D. Gibson. 1999. Fractal analysis of movement pathways in vegetated and unvegetated microlandscapes. *Bios* 1: 176-184.

Oyler, M., J. Rivera, M. Roffel, D. J. Gibson, B. A. Middleton and M. Mathis. 1999. The macaroni lab: a directed inquiry project on predator-prey relationships. *American Biology Teacher* 40: 39-41.

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Spyreas, G., D.J. Gibson, and B.A. Middleton. 2001. Effects of endophyte infection in tall fescue (*Festuca arundinacea*: Poaceae) on community diversity. *International Journal of Plant Science* 162:1237-1245.

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- Xiao, N., D.A. Bennett, D.A., B. Middleton, and K. Fessel. 2002. SISM: a multiscale model cypress swamp regeneration. *Geographical & Environmental Modelling* 6: 99-116.
- Middleton, B.A. 2002. Winter burning and the reduction of *Cornus sericea* in sedge meadows in southern Wisconsin. *Restoration Ecology* 10:1-8.
- Journal papers (cont.)*
- Middleton, B. A. 2003. Soil seed banks and the potential restoration of forested wetlands after farming. *Journal of Applied Ecology*: in press.
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Book Chapters

- Middleton, B.A. 2002. Flood pulsing in the regeneration and maintenance of species in riverine forested wetlands of the southeastern United States. Pages 223-294 in B. Middleton, editor. Flood pulsing in wetlands: restoring the natural hydrological balance. John Wiley and Sons, New York.
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- Brinson, M., B. Bedford, B. Middleton, and J. Verhoeven. 2003. Temperate freshwater wetlands. Cambridge University Press: in press.

Books

- Middleton, B.A. 1999. Wetland restoration, flood pulsing and disturbance dynamics. John Wiley and Sons, New York.
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Proceedings

- Middleton, B.A. 1980. Human traffic and response of beach vegetation at the Apostle Islands. *Proceedings of the 2nd Conference on Scientific Research in the National Parks* 9:118-140.
- Middleton, B. A. 1996. Characteristics of plants in forested wetlands. Pages 31-37 *In*: S. D. Roberts and R. A. Rathfon, editors. Management of Forested Wetlands in the Central Hardwoods Region. Symposium Proceedings, Purdue University, West Lafayette, IN.
- Xiao, N, Bennett, D., B. A. Middleton, and K. Fessel. 1999. A topographically-based model for seed dispersal and swamp dynamics. Proceedings of GIS/LIS '98. Fort Worth, TX, 10-12, November 1998.

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- Middleton, B.A. 1983. Sand movement and vegetation in the Apostle Islands, Lake Superior. M.S. Thesis. University of Minnesota, Duluth, MN.
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Dissertation

- Middleton, B.A. 1989. Succession and goose herbivory in monsoonal wetlands of the Keoladeo National Park, Bharatpur, India. Ph.D. Dissertation, Iowa State University, Ames, IA.

Reports and Maps

- Davis, C.B., A.G. van der Valk, D.H. Mason, B.A. Middleton, and R.L. Williams. 1988. Ecology of a semitropical monsoonal wetland in India. Final Report, Smithsonian #4013600, Ohio State Univ, Ohio.

Middleton, B. A. 1993. Restoration of cypress swamps along the Cache River, southern Illinois. Final Report to the Office of Research and Administration Development (#2-11770), Carbondale, IL.

Middleton, B. A. 1993. Improvement of plant diversity in coal slurry ponds reclaimed as wetlands through treatment of the seed bank during drawdown. Final Report to the National Mine Land Reclamation Center, Carbondale, IL.

Middleton, B. A. 1995. The role of flooding in seed dispersal: restoration of cypress swamps along the Cache River, Illinois. Final Report, U.S. Geological Survey and Water Resources Center, UILU-URC-94-220.

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O'Neil, L.J., A.C. Webb, and B. Middleton. 2001. Habitat suitability index model: cypress/tupelo community in southern Illinois. February 2001. ERDC/EL TR-01-xx, U.S. Army Engineer Research and Development Center, Vicksburg, MS.

Bennett, D., B. Middleton, S. Kraft, C. Lant, R. Sengupta, J. Beaulieu, D. Sharpe, K. Cook, B. Burr, R. Beck, and K. Flanagan. 2001. Ecosystem function and restoration in the Cache River Bioreserve. April 2001. Southern Illinois Field Office of the Nature Conservancy, Ullin, Illinois.

Popular Press Publications

Middleton, B. A. and L. K. Mudgal. 1989. Geese of the Keoladeo. Sanctuary Magazine, Bombay, India.

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Middleton, B. A. 1997. OTS at SIU. Liana (Newsletter of the Organization of Tropical Studies).

Middleton, B.A. 2000. Ode to my father's farm truck. National Public Radio Commentary, Carbondale, Illinois (commentary read on October 26, 2000).

Middleton, B.A. 2001. Special ode to my father's farm truck. Lodi Enterprise. January 4, 2001.

Middleton, B.A. 2003. Ode to my father's farm truck. *Natural History* 3:88.

a. ARTICLES ACCEPTED FOR PUBLICATION

Journal articles accepted

Middleton, B.A. Concepts in restoration. *Restoration Ecology* (accepted for a special edition on restoration in India).

b. ARTICLES SUBMITTED FOR PUBLICATION

Ture, C., N. Akanil Bingol, B. A. Middleton. Characterization of the gap environment of *Lythrum salicaria* L. and its relationship to seed production and stem height along arid rivers dominated by *Populus alba* L. in Turkey (under revision).

Taylor, J. and B. A. Middleton. Functional comparison of litter decomposition in natural vs. coal slurry ponds reclaimed as wetlands (under revision).

Conrad, S., B.A. Middleton and B. Crandall-Stotler. Reproductive ecology and diaspore bank for the bryophytes along the elevational gradient of a bald cypress swamp and old field (under revision).

Brandon, A.L., D.J. Gibson, and B.A. Middleton. Mechanisms for dominance in an early old field by the invasive exotic *Lespedeza cuneata* (Dum. Cours.) G. Don. (submitted).

Middleton, B.A. Flood pulsing and regeneration dynamics: relevance in Asian wetland restoration (submitted).